

Title (en)

Method and device for coating the narrow side of a workpiece with wooden materials

Title (de)

Verfahren und Vorrichtung zur Beschichtung einer Schmalseite eines Werkstückes mit Holz oder Holzwerkstoff aus dessen an die Schmalseite angrenzender Oberflächenschicht

Title (fr)

Procédé et dispositif pour revêtir le côté étroit d'une pièce avec des matériaux en bois

Publication

EP 0733450 B1 19990609 (DE)

Application

EP 95104145 A 19950321

Priority

EP 95104145 A 19950321

Abstract (en)

[origin: EP0733450A1] A continuous process for covering the narrow edge of a workpiece with a wood-based layer forming part of an adjacent surface layer(3) includes: a) machining the narrow edge to a profile while simultaneously creating a free excess length(7) of the adjacent surface layer(3); b) applying a stabilizing layer to the excess length(7) on the face be bonded onto the profiled edges; c) applying a fluid onto the opposite side of the excess length(7) and heating; d) bending the excess length(7) around the edge and pressing onto it. Claimed process equipment comprises a) a workpiece(2) conveyor; b) narrow edge profiling tools (41.44); c) stabilizing layer applicator (46); d) fluid applicator unit (47) e) fluid heating unit (48); f) a pressure applicator (49) for bending over and pressing the excess length (7) onto the profiled edge.

IPC 1-7

B27D 5/00; **B29C 63/04**

IPC 8 full level

B27D 5/00 (2006.01); **B27N 7/00** (2006.01); **B29C 63/04** (2006.01)

CPC (source: EP)

B27D 5/00 (2013.01); **B27D 5/003** (2013.01); **B27N 7/00** (2013.01); **B29C 63/044** (2013.01)

Cited by

EP2127833A1; EP2052822A1; EP1880838A4; EP1386720A3; US2019099992A1; US10967622B2; CN102092075A; GB2582812A; GB2582812B; DE102008034828A1; DE102008034828B4; EP3649892A1; IT201900002523A1; DE202012103328U1; US11160375B2; WO2004054769A1; WO2020094738A1; US7763143B2; EP1723291B2

Designated contracting state (EPC)

AT DE ES FR IT

DOCDB simple family (publication)

EP 0733450 A1 19960925; **EP 0733450 B1 19990609**; AT E181012 T1 19990615; DE 59506169 D1 19990715; ES 2135612 T3 19991101

DOCDB simple family (application)

EP 95104145 A 19950321; AT 95104145 T 19950321; DE 59506169 T 19950321; ES 95104145 T 19950321